Dr. Josef Stefan 1) I.

Ausgewählte Capitel aus der

Optik und Wärmelehre.

II. S. 91 M Smoluchowski

16/4 Doppelbr. [illegible] Kalksp. [illegible] Erasmus Bartholinus B.J 4

[illegible] Hugghens [illegible]

[illegible]

[illegible] anst

[illegible]

[illegible] ordentl. [illegible]

[illegible]

[illegible] anst. [illegible]

Huygghens [illegible] gjenst

[illegible] Emissionsth. [illegible]

[illegible]

[illegible]

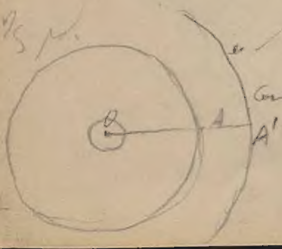
[illegible] Hyp. [illegible]

[illegible] B. [illegible]

[illegible]

[illegible]

[illegible]



[illegible] = gew. [illegible]

$\frac{AA'}{A}$ = [illegible]

[illegible]

$c \cdot t$ [illegible]

$AA' = \; = \; \ldots = \lambda$ ([illegible])

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] (Dispersion)

[illegible] Disp. [illegible]

Huyghens'sches Princip


[illegible]

[illegible]

[illegible]

$AA'$ [illegible] $M$

$$t = \frac{AA'}{c}$$

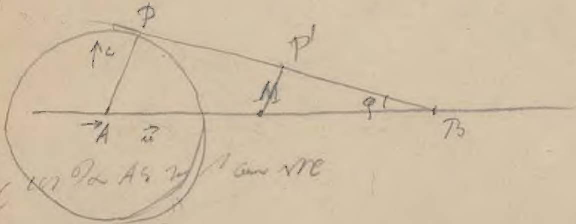
[illegible]

[illegible]

[illegible] $MM'$ [illegible] = Elementen[illegible]

[illegible]

[illegible]




[illegible] $AB$ [illegible]

[illegible] $r : r' = AB : MB$

$AP : MP' = AB : MB$

[illegible]

[illegible]

$\sin\varphi = \dfrac{AP}{AB} = \dfrac{c}{u}$

[illegible] [/[illegible]]

[illegible] $AB$. [illegible]

[illegible] $u < c$ [illegible] Constr. [illegible] $\sin > 1$

[illegible]

17/4:


[illegible]

[illegible] Huyghens [illegible] Refl. [illegible]

[illegible]

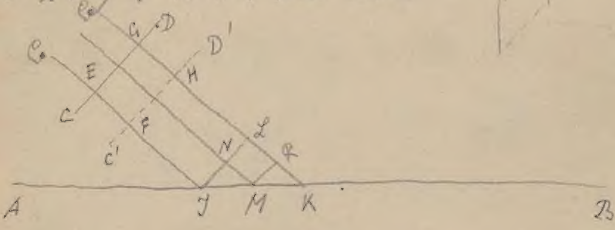

$\frac{PR}{t} =$ [illegible]

[illegible]

[illegible] Normale

[illegible]

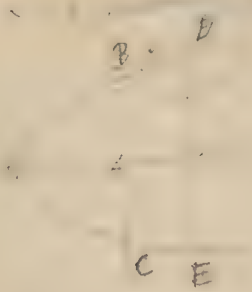
[illegible] vert. [illegible]




AB [illegible]

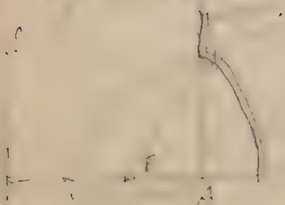
$t_1 = \frac{LK}{c}$ $\quad t = \frac{MN}{c}$

[illegible]

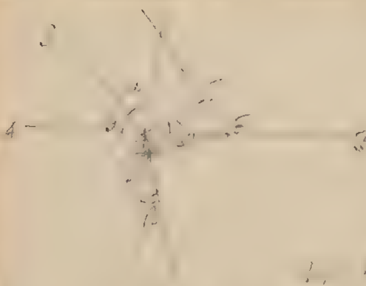


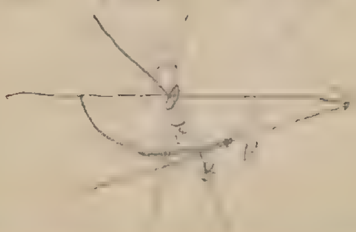
B
D
C
E

$x = n$

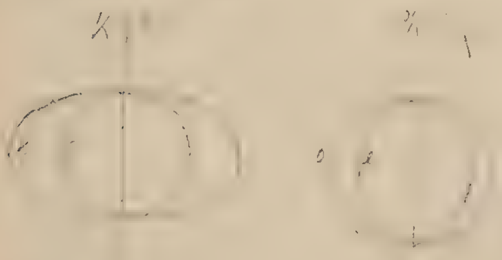


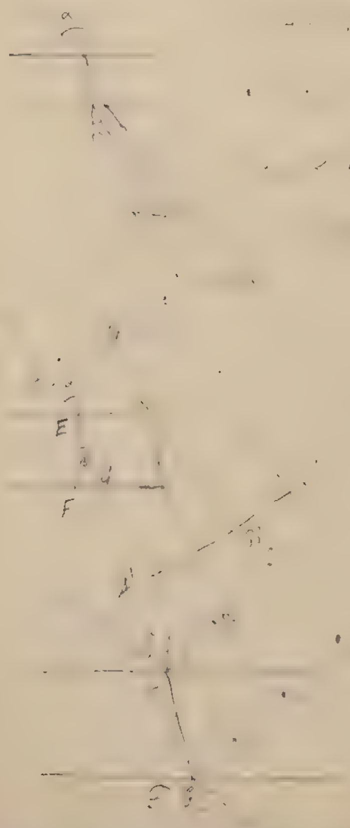
[illegible]





20/4




E
F

[illegible] $= u$

[illegible] $= 4$ [illegible]

$r =$ [illegible] $\varphi$ [illegible]

$=$ [illegible]

[illegible]

$= p \cos \vartheta \cdot \sin u + p$ [illegible]

[illegible]

$u$ [illegible] $\bar{\varphi}_1 = p$ [illegible]

[illegible]

$p^2 =$ [illegible] $- 2a$ [illegible]

$+$ [illegible]

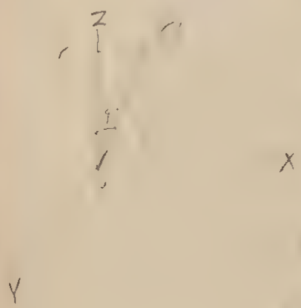
$- 2$ [illegible]

$=$ [illegible] $\varphi +$ [illegible]

[illegible]

$p^2 =$ [illegible]

$p$ [illegible]


Z
X
Y

2/6

[illegible]

$lx + my + \ldots = -\alpha = u$ [illegible]

$x = lu + \frac{\ldots}{\ldots}$ $y = mu + \frac{\ldots}{\ldots}$ [illegible]

$x = lu - \frac{\ldots}{\ldots}$ $y = mu - \frac{\ldots}{\ldots}$ [illegible]

Scripta universit.

Dr. Josef Stefan II.

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POLLY. IV. KARO

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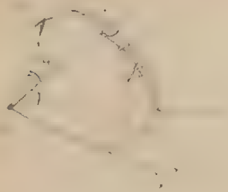


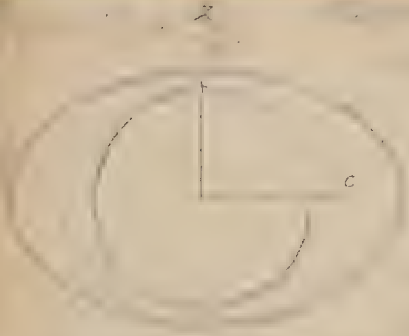
$N = T$

$\frac{1}{T}$

$\frac{T^2 -}{N}$

$= c$

$\frac{2}{}$


C


Y
X

[illegible]

$$\mathrm{I}.$$

$$[illegible] = c + A'K \log T - [illegible]$$

[illegible]

$$[illegible] = [illegible] \; \frac{[illegible]}{C - c} \qquad \mathrm{II}$$

[illegible]

$$= [illegible] \qquad \underline{\mathrm{III}}$$

$l = 81$

$T = 241$

$\frac{d}{dT} = - \frac{[illegible]}{[illegible]}$

$\frac{dT}{d} = - [illegible]$

$dT = - \frac{[illegible]}{[illegible]}$

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F. PULLY. IV. KAROLINENG. 23

$\mu = 50 \times \lambda$

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